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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re United States Patent Application of:	Docket No.:	2771-546-CIP3
Applicants:	Conf. No.:	6577
Application No.:	Art Unit:	2856
Date Filed:	Examiner:	Jacques M. Saint Surin
Title:	Customer No.:	23448

**APPARATUS AND PROCESS
FOR SENSING TARGET GAS
SPECIES IN
SEMICONDUCTOR
PROCESSING SYSTEMS**

FACSIMILE TRANSMISSION CERTIFICATE

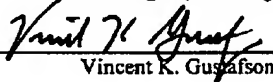
ATTN: Examiner Jacques M. Saint Surin

Fax No. (571) 273-8300

I hereby certify that this document, along with any enclosures identified herein, is being filed in the United States Patent and Trademark Office, via facsimile transmission to Mail Stop Petition, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date specified below, to United States Patent and Trademark Office facsimile transmission number (571) 273-8300.

4

Number of Pages (including cover)


Vincent K. Gustafson

June 6, 2006

Date

**PETITION FOR REVIVAL OF AN APPLICATION FOR PATENT
ABANDONED UNINTENTIONALLY UNDER 37 CFR 1.137(b) AND
SUBMISSION OF ISSUE FEE IN U.S. PATENT APPLICATION NO. 10/758,825**

Mail Stop Petition
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

06/07/2006 TL0111 00000045 10758825

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1500.00 OP

2771-546-CIP3

The above-identified application became abandoned for failure to file a timely and proper reply to a notice or action by the United States Patent and Trademark Office. The date of abandonment is the day after the expiration date of the period set for reply in the Notice of Allowance.

APPLICANT HEREBY PETITIONS FOR REVIVAL OF THIS APPLICATION.

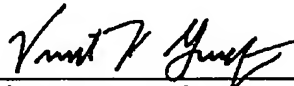
The entire delay in filing the required reply from the due date for the required reply until the filing of a grantable petition under 37 CFR 1.137(b) was unintentional.

Enclosed in support of this petition are:

- (1) Payment of the petition fee of \$1,500.00 (large entity) under 37 CFR 1.17(m) as authorized in the enclosed Credit Card Payment Form.
- (2) Completed Issue Fee Transmittal and payment of the issue fee and publication fee totaling \$1,700.00 (large entity) as also authorized in the enclosed Credit Card Payment Form).

Revival and issuance of the present application are hereby requested.

Respectfully submitted,



Vincent K. Gustafson
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INTELLECTUAL PROPERTY/
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Enclosures:

Issue Fee Payment Transmittal [1 page]
Credit Card Form PTO-2038 [1 page]

The USPTO is hereby authorized to charge any deficiency or credit any overpayment of fees properly payable for this document to Deposit Account No. 08-3284